

- (c) An entrance median should not contain structures, signs, or landscaping which restrict sight distance. The minimum size of a driveway median island is 100 square feet.

Entrance Throat: The entrance throat should be designed to facilitate the movement of vehicles off the highway to prevent the queuing of vehicles on the traveled way. Minimum connection throats are provided in the table below.

Entrance throats apply to entrances to commercial uses, corner clearance (Pg. 71) establishes the “Throat” of a minor street intersecting a major street.

Summary of Entrance Throats	
Number of Egress Lanes (left, thru and right)	Minimum Throat Length
	Feet
1	30
2	75
3	200
4	300

TABLE 4-2

Source: Transportation & Land Development 2nd Edition 2003, Koepke and Stover

In order to assure that entrances are designed to provide for safe and efficient movements, it is necessary to pay attention to critical dimensions and design features listed below.

- Radius of curved approach/exit of entrance
- Flare size of angled approach/exit of entrance
- Entrance Distance or spacing between entrances
- Corner Clearance measured from a major intersection.
- Angle of entrance
- Sight distance length of roadway visible to the driver required for vehicles to make safe movements
- Entrance location in relation to other traffic features such as intersections, neighboring entrances, and median openings.
- Entrance depth (also called “throat length”) distance needed into site to transition vehicles to the internal circulation system of the site.

For information on Ingress Lanes, see section 3-Turning Lanes.*

Entrance Pavement: The type and depth of the pavement shall be clearly indicated on the plans and/or permit application. The pavement of entrances, turn lanes and tapers shall be of stable material that is at least comparable to the pavement of the adjacent roadway.

* Rev. 7/09